

Title (en)
SYSTEM AND METHOD FOR LINE MURA DEFECT DETECTION WITH PREPROCESSING

Title (de)
SYSTEM UND VERFAHREN ZUR DETEKTION VON LINIEN MURA DEFECTEN MIT VORVERARBEITUNG

Title (fr)
SYSTÈME ET PROCÉDÉ DE DÉTECTION DE DÉFAUTS DE LIGNE MURA AVEC PRÉTRAITEMENT

Publication
EP 3531407 B1 20240508 (EN)

Application
EP 19156268 A 20190208

Priority
• US 201862634125 P 20180222
• US 201815956667 A 20180418

Abstract (en)
[origin: EP3531407A1] A system and method for identifying line Mura defects on a display. The system is configured to generate a filtered image by preprocessing an input image of a display using at least one filter. The system then identifies line Mura candidates by converting the filtered image to a binary image, counting line components along a slope in the binary image, and marking a potential candidate location when a counted number of the line components along the slope exceed a line threshold. Image patches are then generated with the candidate locations at the center of each image patch. The image patches are then classified using a machine learning classifier.

IPC 8 full level
G06V 10/44 (2022.01); **G06F 18/15** (2023.01); **G06V 10/25** (2022.01)

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